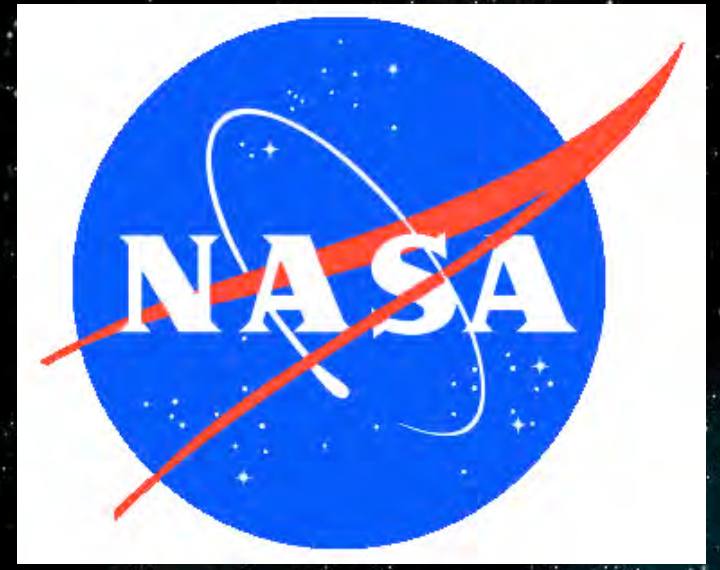


HEASARC



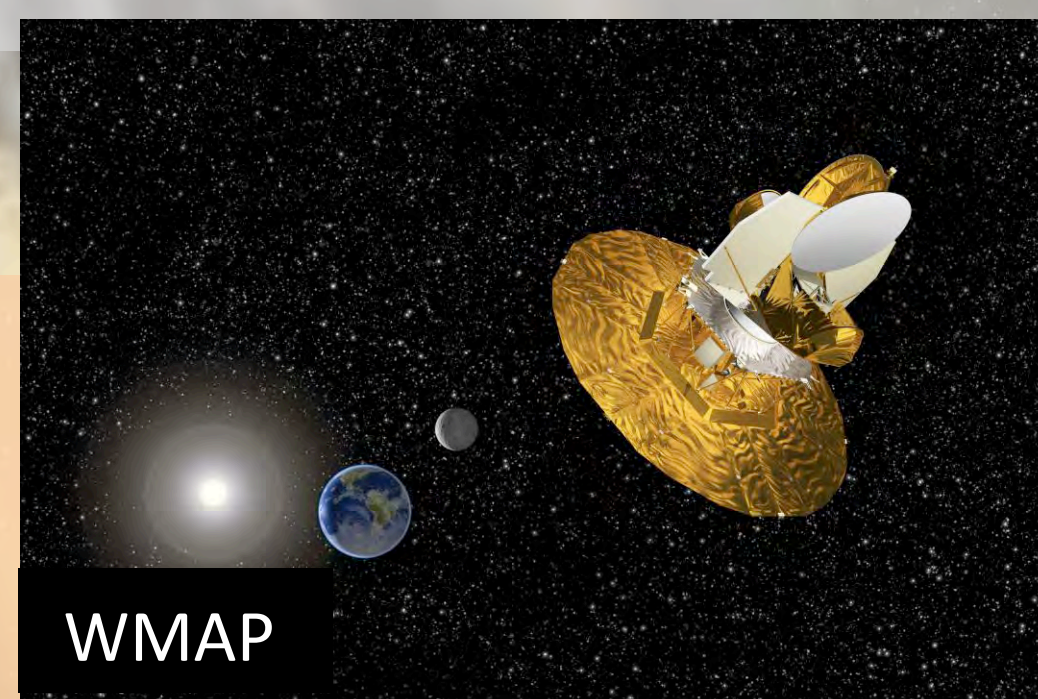
High Energy Astrophysics Science Archive Research Center

The HEASARC is the primary archive for NASA missions dealing with extremely energetic phenomena, from black holes to the Big Bang. Having recently merged with the Legacy Archive for Microwave Background Data Analysis (LAMBDA), it includes data obtained by NASA's high-energy astronomy missions from the extreme ultraviolet through gamma-ray bands, along with missions that study the cosmic microwave background (CMB). The HEASARC's charter is to:

- **Maintain and disseminate data** from previous and current high-energy astrophysics and CMB missions
- **Provide data analysis software** for all these missions
- **Maintain and provide the necessary scientific and technical expertise** for the processing and interpretation of the data holdings
- **Provide technical expertise and software tools** to help upcoming missions economically meet their data processing and archiving requirements
- **Provide catalogs of observations** and ancillary information for the data holdings
- **Coordinate data, software, and media standards** with other astrophysics sites
- **Support education and public outreach** in high-energy and CMB astrophysics



Suzaku



WMAP



INTEGRAL



XMM-Newton

Past Missions

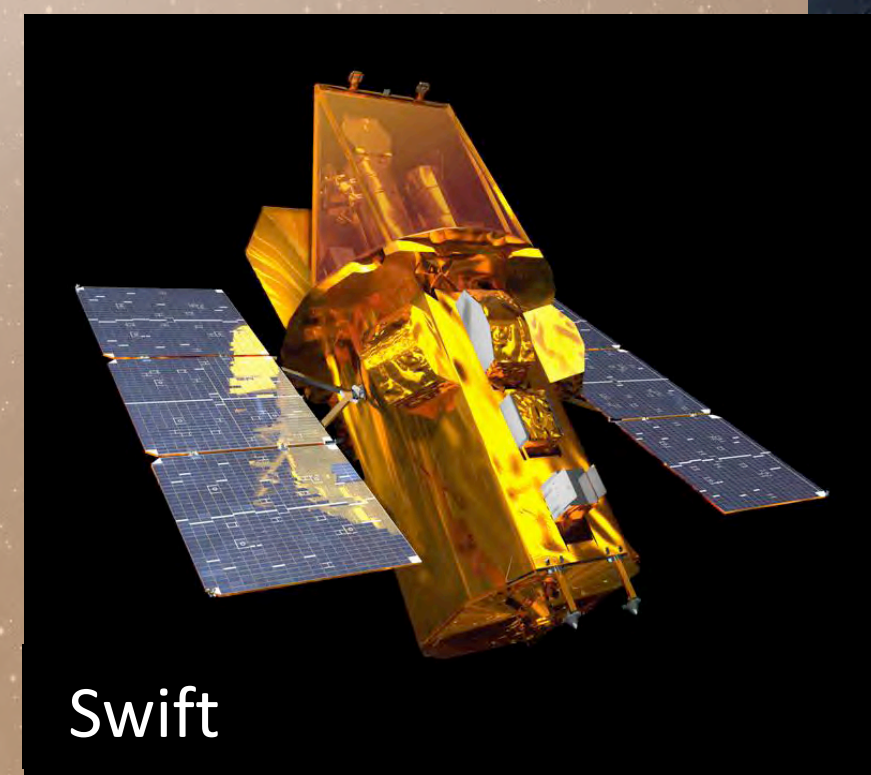
Ariel 5	Ginga
ASCA	HEAO-1
BBXRT	HEAO-3
BeppoSax	HETE-2
CGRO	IRAS
COBE	OSO-8
Copernicus	ROSAT
COS-B	SAS-2
DXS	SAS-3
Einstein	SWAS
EUVE	Uhuru
EXOSAT	Vela 5B

Active Missions

RXTE (1995-)
Chandra (1999-) [data at CXC]
WMAP (2001-)
INTEGRAL (2001-)
XMM-Newton (1999-)
Swift (2004-)
Suzaku (2005-)
Fermi (2008-)

Future Missions/ Upcoming Datasets

SPT and ACT (2007-)
AGILE (2007-)
MAXI (2009-)
ASTROSAT (2011)
NuSTAR (2012)
Astro-H (2014)
GEMS (2014)



Swift



Fermi

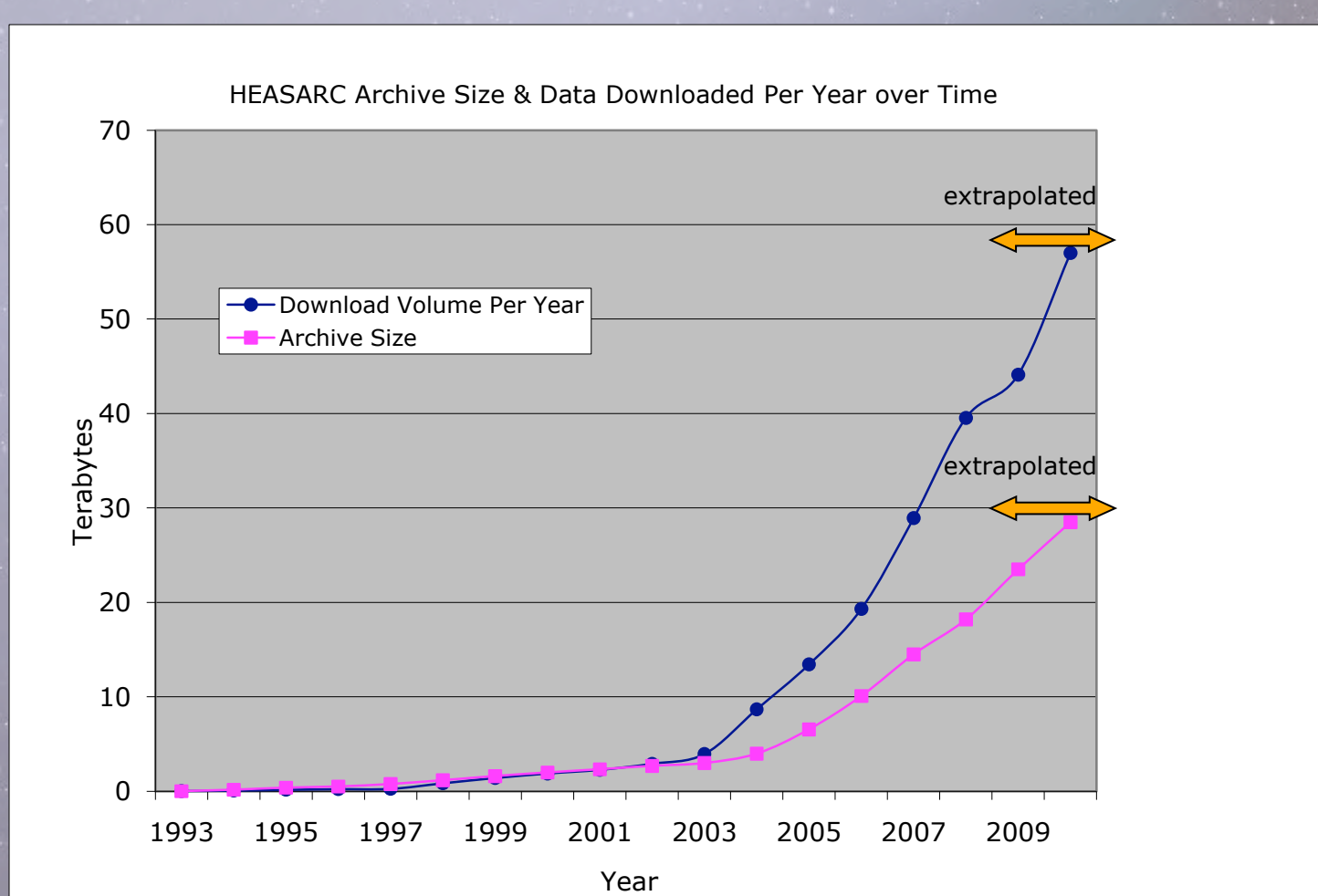


Rossi X-ray Timing Explorer

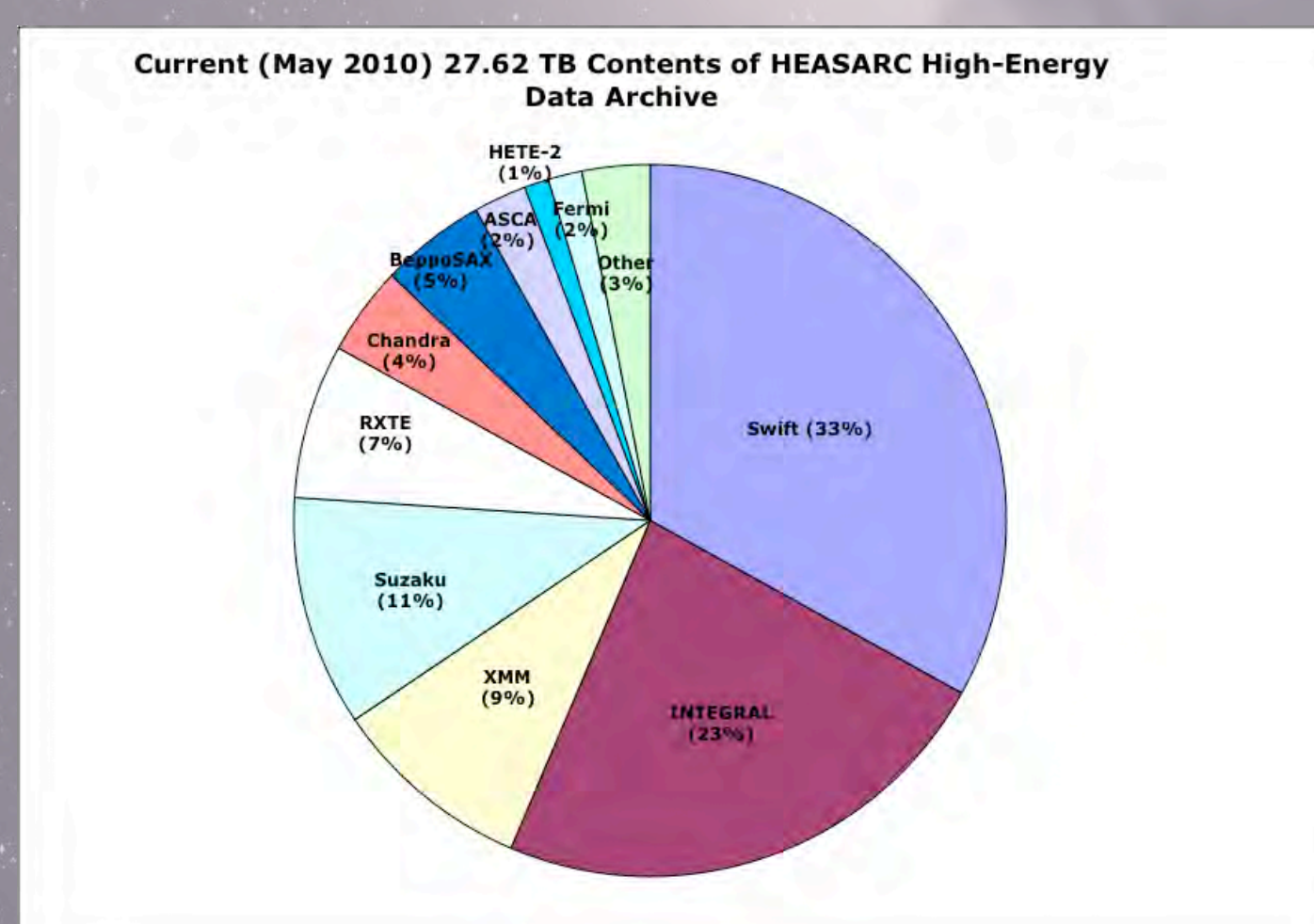


Chandra

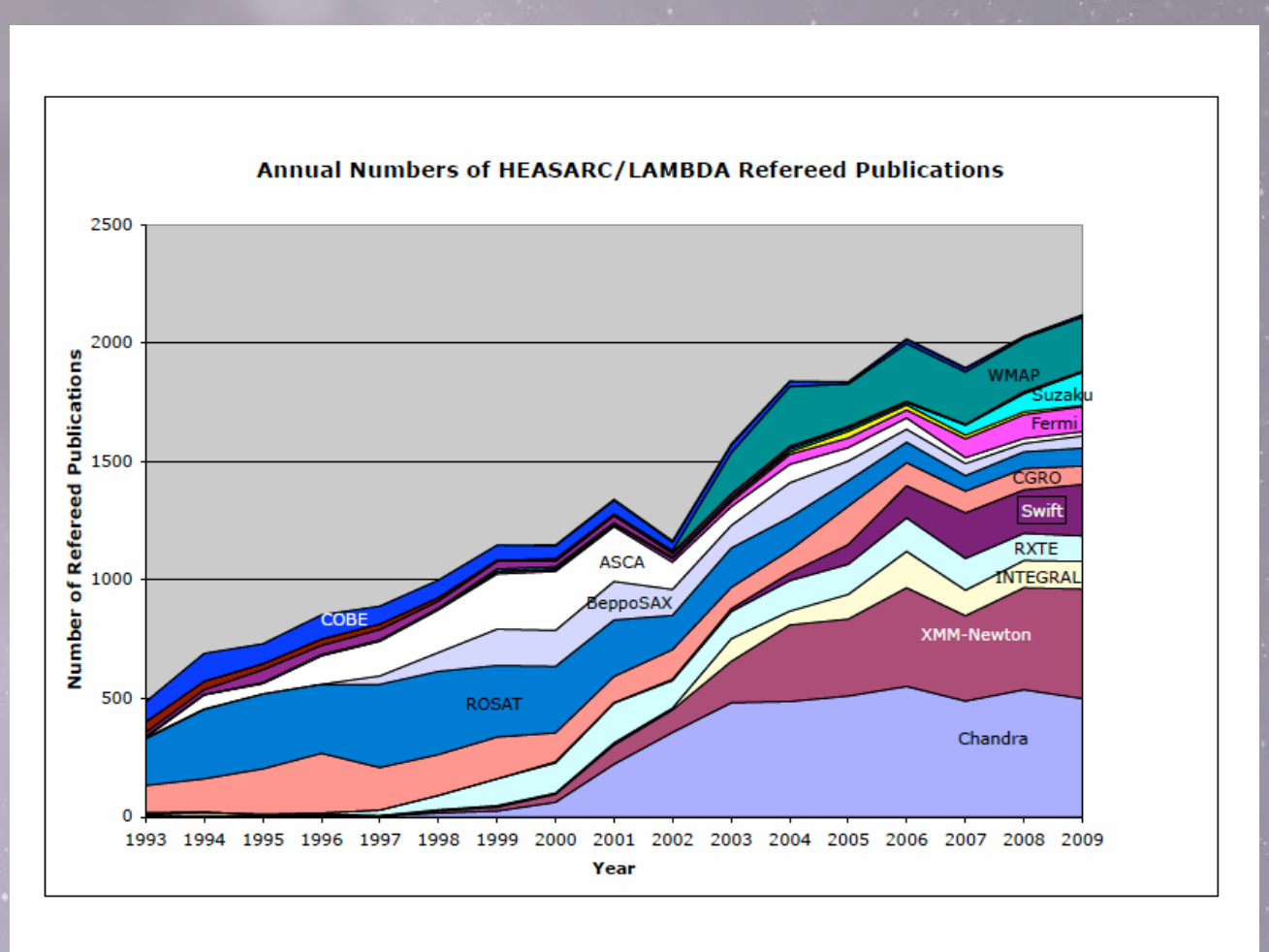
Recent archive statistics



Growth in archive size, and user download volume. Current archive size = 28 Terabytes (compressed).



Archive contents by mission.



Number of refereed publications based on HEASARC data. These papers comprise 10% of the total astronomical literature.